

POTASH IN PAYING QUANTITY NEAR TONOPAH REPORTS THE U. S. GEOLOGICAL SURVEY

Columbus Marsh, at Coaldale, Withdrawn from Entry for More Inquiry--Test Well said to Contain Maximum of Potash--Part of Land Patented

Some significant results have been obtained from the potash explorations of the United States geological survey in Columbus Marsh, on or near the line between Esmeralda and Mineral counties, Nevada. Coaldale is a railroad station at the southeast corner of the marsh, and the Tonopah & Goldfield railroad skirts the eastern margin of the marsh itself. Columbus Marsh is a broad mud plain with a rough, lumpy surface. Little salt shows on the mud except about the margins of the plain, where some borax-producing plants were located in the earlier days of the borax industry. A small area about the margin of the marsh was located for borax a good many years ago, and a part has been patented. Columbus Marsh itself comprises an area of about 35 or 40 square miles, roughly elliptical in outline, being about nine miles in longest dimension from north to south and six miles or more in width. Shore terraces at heights of 70 to 75 feet above the flat testify to the presence in this basin of a prehistoric lake of at least that depth.

During 1911 the explorations of the survey geologists with hand drilling apparatus were carried into Columbus Marsh and six holes were sunk to depths ranging from 32 to 50 feet. The drilling was done by Charles E.

DISCOVERY MAY MEAN MORE TO THIS CAMP THAN ANOTHER BELMONT.
LOCATION—Columbus Marsh, east end of deposit abutting on Coaldale, 40 miles northwest of Tonopah, on line of Tonopah & Goldfield railroad.
CONDITIONS—Part of land patented where some borax plants were located in early days.
TESTS—Drilling done by Charles E. Watson, under direction Hoyt S. Gale, and samples completed by W. B. Hicks, in the laboratory of the U. S. geological survey at Washington.
RESULTS—Core obtained from well No. 4 between depths of 18 and 38 feet consist of 20.59 per cent potash in water soluble portion of sample. These samples averaged 5.96 per cent soluble salts of which essentially one-third (32.57 per cent) is potash if the salt is figured as the chloride.

Watson under the direction of Hoyt S. Gale. Analyses of the solid samples obtained from these wells have recently been completed by W. B. Hicks in the laboratory of the geological survey at Washington and show exceptional high potash content in the salts of these borings. Returns are quoted from the record of well No. 4, from which the best returns have been obtained.

It appears from this record that the average content of a 20-foot section of the core obtained between the depths of 18 and 38 feet consists of 20.59 per cent potash in the water-soluble portion of the sample. These samples averaged 5.96 per cent water-soluble salts in the dried mud and sand as received at the laboratory. Such muds therefore contain nearly 6 per cent of soluble salts, of which essentially one-third (32.57 per cent) is potash if the salt is figured as the chloride. It should be emphasized, however, that all these mud samples were brought up through saline waters, also derived from corresponding strata, through the rotated casing used in drilling the well, the mud having been later dried in the open air. It is but natural to conclude that the saline waters with which these muds were associated may yield as high or higher percentages of the very soluble potash salts.

Solid samples and samples of water from the various strata were separately saved from all the wells drilled at Columbus Marsh. Both were forwarded to the laboratory for analysis, but an unfortunate mishap resulted in the loss of the liquid samples. Therefore, some of the most important evidence is still lacking and will have to be duplicated by further drilling.

The material at the bottom of the well is near the maximum in potash content, and of course it is not known how much deeper this zone continues. This amount of potassium in natural saline deposits of considerable mass of the desert-basin area is believed to be unprecedented. It certainly indicates the tendency to segregation of potash in such natural saline deposits, the prime factor on which much of the experimental work of the geological survey in search of potash in the desert-basin region has been based. As to the value of such a deposit further information must be had.

Saline muds which contain only 5 or 6 per cent of total soluble material may not be commercially workable even though 26 to 40 per cent of that total soluble portion is potassium chloride. This is a problem which doubtless deserves further careful investigation and which, when the actual possibilities of the deposits themselves have been thoroughly tested, it may be proper to turn over to private enterprise for solution.

On January 16, 1913, the president withdrew from location and entry all the lands in Columbus Marsh that are supposed likely to contain valuable potash deposits. The withdrawal was made under the authority of the withdrawal act as amended on August 24, 1912. This amendment makes it effective as against all forms of entry under the mining laws of the United States except those that apply to metalliferous minerals. The withdrawal will enable the government to proceed in due course to make further examinations of these promising deposits and to determine if possible whether they are of large prospective value to the agricultural interests of the United States.

LOCKWOOD GRILLED BY COUNSEL FOR DARROW
(By Associated Press)
LOS ANGELES, Feb. 7.—Discarding the dictum of physician Earl Rogers, counsel for Clarence Darrow, conducted the examination today of George N. Lockwood, ventrileman in the McNamara case, who followed on the witness stand in the Darrow bribery trial. Bert Franklin, Darrow's former chief detective, now his chief accuser.

FUETSCH'S FAMILY CAUSES BIG STIR AT THE DEPOT

TAXI LOADED TO THE HURRICANE DECKS WITH LIVE BUNCH FROM GOLDFIELD

Jenks, the taxicab mahout, was at his wits' ends yesterday morning when he essayed to fill an order for the conveyance of Carl Fuetsch of the C. & F. bar, and family to the residence leased for the accommodation of the new arrivals.

All Jenks knew was that he had a phone order to be at the depot for a very ordinary purpose, and he never hesitated at taking the contract as he surmised that his machine, which has a capacity for five ordinary people, would fit into the ceremony of inducting the Goldfield contingent to their new habitat. He was there with the machine and also prepared to take care of any other stray fares which might drop his way.

But when the train pulled in and the portly form of Carl loomed up on the platform, Jenks realized that he had undertaken the job of his life, and that of all the elopers and newlyweds with their cowbells and other fandangoes which loaded down his machine he had never seen anything to beat the Goldfield family. First Carl handed out Mrs. Fuetsch with a baby and a little girl. Then the good natured boniface remained at his post continuing to handle humanity in various phases of juvenility until it looked as though somebody had made a mistake and launched an orphan asylum on Nye county. They came thick and fast and Jenks did his best to keep pace with the procession that headed toward his taxi, but he decided it would have required a counting machine and gave up the job.

One, two, three, four, five, six and seven, he counted and there he stopped. The handsome mother of the flock marshalled her brood, but there was no escape for the taxicab man. The big machines which make the Round Mountain and Manhattan trips had gone up town and there was no room for the bunch on the roof, which was piled high with hand baggage and packages of all kinds.

A solution of the difficulty was finally reached when the worthy parents of the flock of boys and girls loaded in the smaller ones of the bunch and then, under the guidance of the honorable father, proceeded to walk up town with the remainder of the colony.

If immigration keeps up the schools will have to be enlarged, was the sage comment of an observer. In extension of his conduct it may be mentioned that Carl Fuetsch, who has been in business in Tonopah for nearly a year, would have moved over from the gold camp long before this only for the fact that he could not find a house suitable for the accommodation of the handsome addition to the local population. Even the Goodfriend house will have to be enlarged to meet the requirements of his family.

48 PER CENT RESERVE FUND NOW REMAINING

BANKING CORPORATION SHOWS ITS FINANCIAL STRENGTH BY LATEST REPORT

The Tonopah Banking corporation this report conforming to call for all the banks for report of condition at close of business February 1.

The published statement appears in this issue and shows the very strong and conservative lines upon which the bank is conducted, the cash reserve being 48 per cent, amounting to over \$280,000 in cash on hand and in banks.

Surplus and net undivided profits show \$984, in addition to the regular semi-annual dividend of \$6 per share paid to its stockholders last month, making a total of \$12 per share for the fiscal year.

HOODOO PARTY FOR MISS LU MANNIX

This is Friday; it is also in the 13th year of the 20th century; likewise it is little Lucille Mannix's 13th birthday; again, there are just 13 letters in the name—Lucille M. Mannix. But there was no hoodoo attached to the party that was given at the little lady's home last evening in celebration of the occasion. Lucille was planning on the party to her young girl friends this evening. Instead, the girls made it a surprise birthday affair by dropping in the home of her parents, 147 Booker street, last evening. Strange to say, there were 23 of these friends, juvenile and otherwise. As the Scot would say, the "fun was fine" from 7 to 11 o'clock, with many games, much eating and laughter and much more eating and drinking. Here are the names of some of the future American voters (it being almost certain that we are going to have universal equal suffrage), who were present:

Luella Roberts, Blanche Collins, Jarleen Dalzell, Ruth Connett, Janie Johns, Isabel Davis, Elizabeth Lynch, Loretta Welch, Loretta Pohl, Gretta Hanna, Miss Cooke, Fannie Holmes, Alice Bowler, Inez O'Connell, Tom Gibbons, James Martin, George Pohl, Robert Holmes, Ralph Hunsy, Gorman Nelson.

FOUND NOT GUILTY

AIKEN, S. C., Feb. 7.—Frederick O. Beach, the wealthy New York clubman, was found not guilty by a jury charged with attacking his wife with intent to kill.

WOLGAST NOT MATCHED

PORTLAND, Feb. 7.—Ad Wolgast says he is not matched to fight Tommy Murphy. He referred the offer to his manager, Tom Jones, in Chicago.

SHOT BY BULLET FIGHTING A FIRE AT A NEIGHBOR'S

VOLUNTEER SERIOUSLY WOUNDED BY PECULIAR ACCIDENT AT SCHURZ

SCHURZ, Nev., Feb. 7.—Lying at the point of death with a 30-calibre revolver bullet in his groin, Billy Beckman, 18 years of age, is the victim of one of the most peculiar accidents that has happened in this state.

Beckman was assisting in fighting a fire which destroyed the home of C. D. Emerson about 7:30 o'clock last evening when the cartridges in a revolver in the burning building were exploded by the heat.

One of the bullets struck Beckman in the abdomen, inflicting a wound which may result in death.

The fire, which was caused by the explosion of a kerosene lamp, destroyed Emerson's residence and was kept from spreading to adjoining buildings only by the most strenuous efforts of volunteer fire fighters. The loss will amount to \$1500.

SENATE COM. WILL WANT TO HEAR FROM SEN. ROOT

(By Associated Press)
WASHINGTON, Feb. 7.—The senate committee on inter-oceanic canals has decided to take no action on the Root amendment for repeal of the free passage provision of the Panama canal act after Senator Root has been heard in its support.

NEW STEERING COMMITTEE

WASHINGTON, Feb. 7.—Senators Oliver, La Follette, Root, Smoot and Cummins have been designated a legislative steering committee for the republicans.

GAMBLER TELLS MORE OF GRAFT IN NEW YORK

WITNESS IN ROSENTHAL CASE WILL CONTINUE DISCLOSURES

(By Associated Press)
NEW YORK, Feb. 7.—James Purcell, once gambling house proprietor, with a retinue of clerks, arrived here today and went to Jekyll Island to obtain testimony from aged William Rockefeller, concerning his work as active agent of the so-called Standard Oil group of bankers.

After examination for scarcely 12 minutes Rockefeller showed signs of laryngeal spasm and indications of nervous collapse. At the instance of a physician the examination was discontinued.

Through him it is expected to be revealed the story of many thousands of dollars paid over a long period for police protection.

GYMNASIUM IS NOW OPEN WITH PLenty OF WATER

The volunteer firemen's gymnasium is now open under the new management and members are invited to renew their acquaintance with the building, which has been placed in better shape than ever. The water service has been restored and there is plenty of hot and cold water for baths.

DEAF MUTE DELIVERS LECTURE TO LARGE AUDIENCE

(By Associated Press)
MONT CLAIR, N. J., Feb. 7.—Miss Helen Kellar, blind, deaf and once dumb, delivered her first lecture here last night. She was heard without difficulty except by those in the rear of the hall. She spoke under the auspices of the local socialist party.

ROCKEFELLER SHOWS SIGNS OF COLLAPSE

ATTACKED BY SPASM WHILE GIVING TESTIMONY WHICH HAS TO CEASE

(By Associated Press)
BRUNSWICK, Ga., Feb. 7.—Chairman Pujo of the house money trust committee and Counsel Untermeyer, with a retinue of clerks, arrived here today and went to Jekyll Island to obtain testimony from aged William Rockefeller, concerning his work as active agent of the so-called Standard Oil group of bankers.

After examination for scarcely 12 minutes Rockefeller showed signs of laryngeal spasm and indications of nervous collapse. At the instance of a physician the examination was discontinued.

DISSOLUTION OF ESPEE SYSTEM ABOUT READY

STOCK MARKET REFLECTS IMPROVED CONDITION OVER AGREEMENT

(By Associated Press)
NEW YORK, Feb. 7.—Announcement of the dissolution of the plan of the Union and Southern Pacific found faint reflection in the stock market, trading in both roads being fairly extensive.

Officials of the roads are confident that the segregation plan will be ratified by Attorney General Wickesham and the United States circuit court of Utah where dissolution proceedings were begun.

Highest temperature yesterday, 47; a year ago, 53; lowest last night, 36; a year ago, 33.

TRAMNER GUILTY OF MURDER FOR SECOND TIME

SLAYER OF MARIE QUILICI AT IMPLY MUST PAY EXTREME PENALTY

J. Frank Tramner must hang or be shot for the murder of Mrs. Eugene Quilici. He was found guilty of murder in the first degree as charged and the punishment was fixed at death.

Tramner brought his teeth together so that the jaw muscles stood out, but he did not change from the lazy relaxation of his posture. He stared at each jurymen that passed him after the work was done, but none cast more than a furtive glance in his direction. The only comment he made was while going down stairs again to the jail when he remarked to the officers: "Pretty quick work."

Sentence will be imposed by Judge E. A. Ducker Saturday, February 8. —Reno Gazette.

FRANK MALLEY TAKEN OUT TO BE TREATED IN RENO

Frank Malley, brother of Sheriff Ed Malley, was taken out this morning for the purpose of securing an operation by Dr. Mackenzie, the famous specialist of Reno, for what has been diagnosed as appendicitis. He was accompanied by Mrs. Frank Walsh, his sister, who will nurse him through his illness.

Frank is well known in Goldfield and Tonopah and has been regarded as one of the most popular members of the Eagles of which order he is an old member.

REPSOLD'S BODY FOUL IN MARSH AT SAN QUENTIN

PERFUMED BURGLAR NEVER GOT AWAY FROM SHADES OF PENITENTIARY

(By Associated Press)
SAN FRANCISCO, Feb. 7.—Herbert Repsold, the perfumed burglar, whose body was found yesterday in a marsh near San Quentin prison from which he escaped, will be buried in the family lot here. His \$15,000 share in the estate of his father will go to a sister in Germany.

GUNBOATS GATHER ON SOUTH COAST FOR EMERGENCY

ANNAPOLIS WILL RUSH TO LOWER MEXICAN COAST TO WATCH REBELS

(By Associated Press)
SAN DIEGO, Feb. 7.—Under orders from the navy department the gunboat Annapolis will clear today for Guaymas to reinforce the cruisers Denver and Buffalo in patrol of the western Mexican coast where unrest prevails and American interests are large.

EUROPE TAKES NO STOCK IN ADRIANOPLE REPORTS

(By Associated Press)
LONDON, Feb. 7.—War reports received here are viewed with skepticism as merely to reflect the views of respective army headquarters. The bombardment of Adrianople continues without advantage to either side.

BULLION BY THE TON SHIPPED FROM BELMONT AND MONTANA

Over five tons of bullion went out to the Selby smelter this morning. The shipments came from the Tonopah Belmont and the Montana Tonopah mines and represent the cleanup for the second half of January. The bullion went out in care of Wells Fargo, but it might just as well have gone forward as freight if any train robber chose to consider the expediency of tackling the treasure. The main safety resin in the weight which is sufficient to deter any one from tackling the job of removal unless he is paid liberally for the work. The total was 115 bars and the weight divided between the two companies was 68 bars from the Belmont and 47 from the Montana. The exact figures were 120,207 ounces for the big east end shipper while the Montana sent out 3498 pounds or 51,169 ounces. The value of the Belmont shipment was approximately \$88,000, in addition to the shipment of concentrates sent out last week.

Divorce Bill Passes Assembly By a Vote of 30 to 22

(Special to the Bonanza)
CARSON CITY, Feb. 7.—The divorce bill passed the assembly by a vote of 30 to 22 with only one member absent. The Nye delegation voted solidly for the measure and Esmeralda scored Washoe was six against and three for and Humboldt one for and three against. The speaker voted against the bill, which is expected to pass the senate without the slightest hitch. This is the first spike in the gun of the Reno bunch and after the bill is out of the way it is probable that other business will be dispatched without any interruption.

Do You Really Know What You Are Buying?

"I am a judge of cressen," said the peasant, when he was eating hemlock. Many of us would be apt to eat hemlock under the impression that it was cress if we relied upon our own judgment. In the same way your self-reliance may cause you to buy poor values in the belief that you recognize high quality. Blind buying is the norm of dissatisfaction. It may also be one of the many reasons for the increased cost of living. You can avoid dissatisfaction, lower to some extent your cost of living, and gain a truer familiarity with the values of the things you purchase by relying on the word of the man who is not in business for a day—the merchant who advertises in THE BONANZA. It will repay you to read the advertisements in THE BONANZA closely and constantly every day.